General Report No. 1786.
Individual Report No. 11. **Risk** No. 22.
Risk: Power House and Heating Station. **Class:** 1-B.
Location: McMillen Ave., Columbus, Ohio.
Owner & Occupant: The Columbus Railway & Light Co.
Date: May, 1909. **See Map** No. 7.

SUMMARY.

A 1 story brick power house and heating station formerly owned and operated by the Public Service Co. supplying light, heat and power for public consumption, but is now in the hands of The Columbus Railway and Light Co. The use of the risk as a power house has been discontinued and it is now used only as a public heating station the engines and generators remaining idle. The electric generating system has recently been disconnected from the outside service wires, night watchmans service has been established and chemical fire extinguishers installed and the premises put in good condition generally so that this risk may be considered a fair one of its class.

PROMINENTLY UNDESIRABLE FEATURES.

Risk is one story and of small area, is used as heating station only, internal hazards are well guarded, exposures are of no consequence and fire protection is good.

PROMINENTLY UNDESIRABLE FEATURES.

Walls are not quite standard; there is a small frame addition; and there is a frame partition between the boiler room and the pump room; the risk remains idle during the Summer season but a watchman is to report hourly.

CONSTRUCTION.

A 1 **story** brick building 20 feet in height. **Area** is 60 by 95 feet, equaling 5700 square feet brick section with a 15 by 18 foot frame addition. **Walls** are 12 inch the division wall extending to the roof only and having unprotected openings. **Roof** is composition gravel covered on wooden sheathing and trusses. **Floors** are of concrete and **interior finish** open. The frame addition is used to house the transformers at the rear of the switchboard.

EXPOSURE.

Exposure is only to several small, frame, barns and sheds 20 feet across the alley. (SEE MAP).

OCCUPANCY.

Risk is occupied as a hot water heating station only, supplying hot water heat to dwellings and stores in the surrounding neighborhood. The machinery consists of; two 350 H. P. B. & W. boilers in a battery, expansion tank, two boiler feed pumps, two circulating pumps, air pump, high pressure drain pump, a 400 K. W. 3600 volt A. C. generator direct connected to a cross compound engine, a 120 K. W. 3600 volt A. C. generator belted to a simple engine, and a 6 panel switchboard with its complement of instruments and meters.

HAZARDS.

Heating is incidental. **Lighting** is electric incandescent with wiring which has just been

overhauled in excellent condition. **Boilers** are well arched and set, with breeching to brick stack safe. **Ashes** are wheeled outside in metal barrows. Boiler room is not cut off from the remainder of the risk. **Electric generators,** switchboard and power equipment has been disconnected and is not used. The main supply of **oils** is stored in a separate oil house outside and oily waste and rubbish of all kinds is kept well cleaned up.

ADMINISTRATION.

During the winter when the heating plant is in operation two men are employed, one days and one nights but in the Summer season the risk remains idle except that nightwatch service with watchman reporting by approved portable clock is maintained. Insurance is written under general form covering on all the Public Service Co. property.

PROTECTION.

Private protection consists of four approved hand chemical extinguishers distributed and nightwatch service with watchman reporting by approved portable clock. Public fire protection is standard.

RECOMMENDATIONS.

1. Remove frame addition and brick up opening in wall. Since this risk has been recently improved no other practical recommendations are suggested, except that employes be kept instructed as to the proper use of fire protective devices and the necessity of keeping the risk in clean and orderly condition.

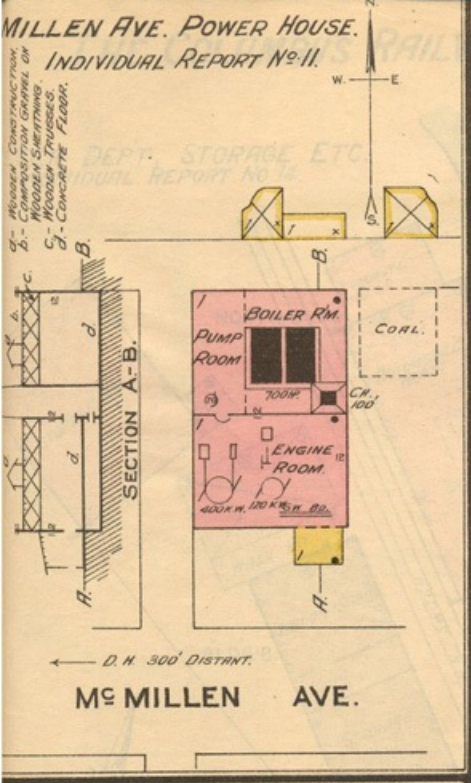
THE COLUMBUS RAILWAY AND LIGHT CO.

THE PROPERTY
OF
THE PUBLIC SERVICE CO.

MAP No. 1.
OHIO INSPECTION BUREAU
T. B. SELLERS, MANAGER
COLUMBUS, OHIO.
MARCH 1909.
SCALE 1" = 50' H.R.M.

MILLEN AVE. POWER HOUSE.
INDIVIDUAL REPORT No. 11.

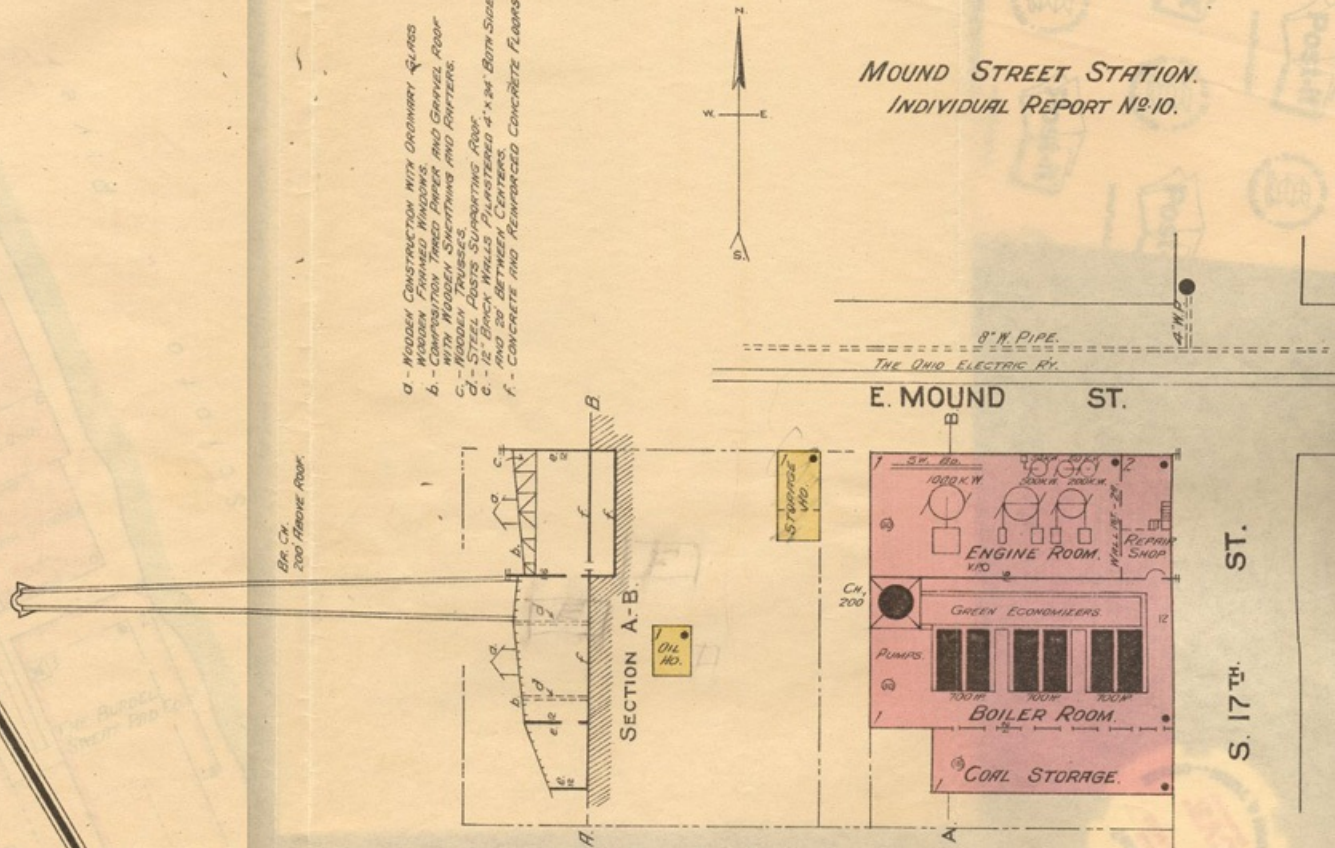
a - WOODEN CONSTRUCTION WITH ORDINARY GLASS
b - WOODEN FRAMING, SHEATHING AND GRAVEL ROOF
c - COMPOSITION TARRED PAPER AND GRAVEL ROOF WITH WOODEN SHEATHING AND RAFTERS.
d - WOODEN TRUSSES.
e - CONCRETE FLOOR.



Mc MILLEN AVE.

MOUND STREET STATION.
INDIVIDUAL REPORT No. 10.

a - WOODEN CONSTRUCTION WITH ORDINARY GLASS
b - WOODEN FRAMING, SHEATHING AND GRAVEL ROOF WITH WOODEN SHEATHING AND RAFTERS.
c - COMPOSITION TARRED PAPER AND GRAVEL ROOF
d - WOODEN TRUSSES.
e - STEEL POSTS SUPPORTING ROOF.
f - 12" BRICK WALLS PILASTERED 4'-0" BOTH SIDES AND 20' BETWEEN CENTERS.
g - CONCRETE AND REINFORCED CONCRETE FLOORS.



LYNN ALLEY.

SUB-STATION
INDIVIDUAL REPORT No. 12.